

# Converting Colors

YUV(107.3540, -10.0345,  
45.2935)

Have a look what the booklet for  
YUV(107.3540, -10.0345, 45.2935)  
contains.

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# Color

**YUV(107.3540, -10.0345,  
45.2935)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F5557
RGB	159, 85, 87
RGB Percent	62%, 33%, 34%
CMY	0.3765, 0.6667, 0.6588
CMYK	0.00, 0.47, 0.45, 0.38
HSL	358°, 30%, 48%
HSV	358°, 47%, 62%
XYZ	19.2669, 14.5560, 10.8109
YIQ	107.3540, 43.4620, 16.3100

# Conversions

## Conversions Part 2

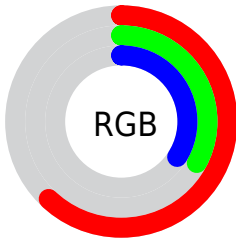
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 85, 87
Decimal	10442071
CIE Lab	45.02, 30.70, 12.60
CIE LCh	45, 33.182, 22.308
Yxy	14.5560, 0.4317, 0.3261
Android (android.graphics.Color)	4288632151 (0xFF9F5557)
YUV	107.3540, -10.0345, 45.2935
Hunter-Lab	38.1524, 23.3754, 9.9061

# Details

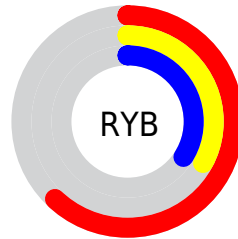
The YUV color **107.3540, -10.0345, 45.2935** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **136.6460, 10.0345, -45.2935**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0340, -11.3558, 49.0822**, and **57.6030, -7.6923, 40.6902** is the 20% darker color. If you saturate the color by 10%, you get **96.2520, -11.9562, 55.0300**, and if you desaturate by 10%, it is **118.4560, -8.1128, 35.5571**.

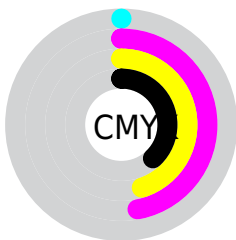
# Distribution



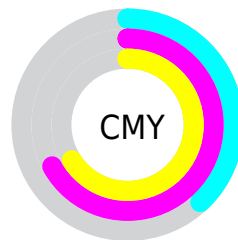
- Red (62%)
- Green (33%)
- Blue (34%)



- Red (62%)
- Yellow (33%)
- Blue (34%)



- Cyan (0%)
- Magenta (47%)
- Yellow (45%)
- Black (38%)



- Cyan (38%)
- Magenta (67%)
- Yellow (66%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 107.3540, -10.0345, 45.2935 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 107.3540, -10.0345, 45.2935 by changing the saturation by 10% instead.




 107.3540,  
-10.0345, 45.2935


 107.3540,  
-10.0345, 45.2935


255.0000, 0.0000,  
0.0000

 82.2720, -9.0081,  
42.7345


 160.0340,  
-11.3558, 49.0822


 57.6030, -7.6923,  
40.6902


 187.8170,  
-12.2348, 51.0265


 32.8740, -5.3609,  
39.5755

 209.4350, -9.5815,  
39.9605

 15.8470, -7.8126,  
32.5832

 229.0630, -5.4541,  
22.7467

 6.2790, -3.0955,  
12.9103

 249.2780, -1.6161,  
5.0182

 0.0000, 0.0000,  
0.0000

107.3540,  
-10.0345, 45.2935

107.3540,  
-10.0345, 45.2935

96.2520, -11.9562,  
55.0300

118.4560, -8.1128,  
35.5571

85.0360, -14.3147,  
64.8664

129.6720, -5.7543,  
25.7207

73.9340, -16.2365,  
74.6029

140.7740, -3.8326,  
15.9842

62.7180, -18.5950,  
84.4393

151.9900, -1.4741,  
6.1478

52.2030, -20.8061,  
93.6610

162.5050, 0.7370,  
-3.0739

47.9970, -21.6905,  
97.3496

173.7210, 3.0955,  
-12.9103

184.8230, 5.0173,  
-22.6468

196.0390, 7.3758,

-32.4832

■ 207.1410, 9.2975,  
-42.2197

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



108.4640, 3.2222, 39.9351



107.3540, -10.0345, 45.2935



106.7370, -21.0693, 37.9417

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



107.3540, -10.0345, 45.2935



97.8170, -12.7278, -24.3955



96.6560, 31.7216, -47.9333

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



107.3540, -10.0345, 45.2935



136.6460, 10.0345, -45.2935

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3660, 31.3716, -75.7430



107.3540, -10.0345, 45.2935



87.5920, 5.1311, -59.2782

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



107.3540, -10.0345, 45.2935



102.1100, -23.7182, 0.7805



85.5050, 20.4570, -74.9879



107.1880, 25.0503, -8.0579



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



107.3540, -10.0345, 45.2935



105.2320, -25.2574, 27.8605



85.5050, 20.4570, -74.9879



86.2400, 35.8707, -72.1245

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



107.3540, -10.0345, 45.2935



186.6710, -4.2748, 17.8285



114.9640, 21.7097, 36.8656



92.3820, -2.6533, 11.0660



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



107.3540, -10.0345, 45.2935



126.0260, -15.7888, 71.0142



127.6710, -21.0368, 27.4755



73.3920, -1.1793, 4.9182



43.2130, -19.3320, 87.5132



4.4850, -2.2111, 9.2217



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



107.3540, -10.0345, 45.2935



126.0260, -15.7888, 71.0142



116.3290, 21.0368, -27.4755



73.3920, -1.1793, 4.9182



43.2130, -19.3320, 87.5132

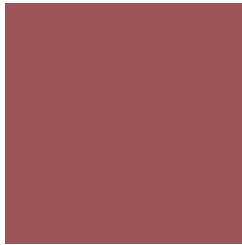


4.4850, -2.2111, 9.2217



# Previews

## White Background



This preview shows how the YUV color 107.3540, -10.0345, 45.2935 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

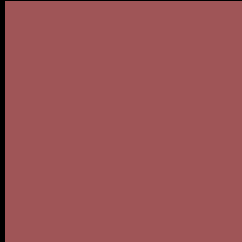
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 107.3540, -10.0345, 45.2935 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

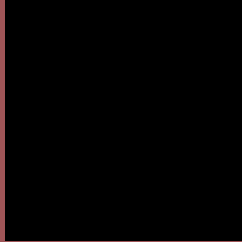
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 107.3540, -10.0345, 45.2935

## Background



This preview shows how black text looks on a background with the YUV color 107.3540, -10.0345, 45.2935.



This preview shows how white text looks on a background with the YUV color 107.3540, -10.0345, 45.2935.

45.2935.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

107.3540, -10.0345, 45.2935

### Protanopia

107.1700, -4.5208, 3.3589

### Deuteranopia

107.4120, -11.5421, 15.4247



## Tritanopia

107.2230, -7.9979, 45.4084

# Trichromacy



## Original Color

107.3540, -10.0345, 45.2935

## Protanomaly

107.1010, -6.4588, 18.3284

## Deuteranomaly

107.0050, -10.8485, 26.3056

## Tritanomaly

107.1090, -8.4347, 45.5084

# Monochromacy



## Original Color

107.3540, -10.0345, 45.2935

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

107.1870, -3.5432, 16.4990

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.3540, -10.0345, 45.2935 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(159, 85, 87)` looks like.

```
.text, #text, p{  
    color:rgb(159, 85, 87)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(159, 85, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 85, 87) }
```

## Border

The CSS property to change the border of an element to YUV 107.3540, -10.0345, 45.2935 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 85, 87) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(159, 85, 87) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(159, 85, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 85, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 85, 87);  
box-shadow:4px 4px 4px 4px rgb(159, 85,  
87) }
```

# Background

The CSS property to change the background color of an element to YUV 107.3540, -10.0345, 45.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 85, 87) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(159, 85,  
87) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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